

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: October 24, 1995

Date Received: October 20, 1995

Project: Metro Self Monitor, PO #M51080

Date Samples Extracted: October 23, 1995

Date Extracts Analyzed: October 23, 1995

**RESULTS FROM THE ANALYSIS OF THE PROCESS WATER SAMPLE
FOR CHROMIUM, COPPER, NICKEL AND ZINC**

Samples Processed Using Method 3005

Results Reported as mg/L (ppm)

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M51080	1.1	0.48	0.89	0.08
Method Blank	<0.05	<0.05	<0.05	<0.05

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: October 24, 1995

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Project: Metro Self Monitor, PO #M51080

**QUALITY ASSURANCE RESULTS
FOR CHROMIUM, COPPER, NICKEL AND ZINC
Samples Processed Using Method 3005**

Laboratory Code: KJ63132DUP

Analyte:	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/L (ppm)	1.1	1.1	0	0-20
Copper	mg/L (ppm)	0.48	0.47	2	0-20
Nickel	mg/L (ppm)	0.89	0.87	2	0-20
Zinc	mg/L (ppm)	0.08	0.07	13	0-20

Laboratory Code: KJ63132MS/KJ63132MSD

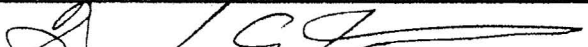
Analyte:	Reporting Units	Spike Level	Sample Result	% Recovery		Acceptance Criteria	Relative Percent Difference
				MS	MSD		
Chromium	mg/L (ppm)	5	1.1	90	90	80-120	0
Copper	mg/L (ppm)	5	0.48	91	90	80-120	1
Nickel	mg/L (ppm)	10	0.89	91	90	80-120	1
Zinc	mg/L (ppm)	5	0.08	94	94	80-120	0

Laboratory Code: Spike Blank



Analyte:	Reporting Units	Spike Level	% Recovery MS	Acceptance Criteria
Chromium	mg/L (ppm)	5	96	80-120
Copper	mg/L (ppm)	5	95	80-120
Nickel	mg/L (ppm)	10	97	80-120
Zinc	mg/L (ppm)	5	97	80-120

KNJ AI
10.20.95
1137

Send Report To: Alaskan Copper Works Contact: GERALD A. Thompson
Company 628 Hartford ST
Address Seattle WA 98134
City, State, Zip 206 382-8379
Phone # 10-20-95
Date

SITE NO.	PROJECT NAME	PURCHASE ORDER #
7238	Metro Self Monitor	M 51080
SAMPLER (signature)	PROJECT LOCATION	
	3200 6th Ave S.	
REMARKS	SAMPLE DISPOSAL INFORMATION	
	<input type="checkbox"/> Dispose after 30 days	
	<input checked="" type="checkbox"/> Return Samples	
	<input type="checkbox"/> Call for Instructions	

[illegible]

SIGNATURE	PRINT NAME	COMPANY	Date	Time
Relinquished by: 	GERALD Thompson	A.C.W	10-20-95	1:20pm
Received by: 	Cathy Downing	FBI	10.20.95	1:20
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

October 24, 1995

**Gerry Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134**

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on October 20, 1995 from your Metro Self Monitor, PO #M51080 project.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



**Kurt N. Johnson
Chemist**

**keh
Enclosures
FAX: 382-7335
ACU1024R.DOC**

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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October 24, 1995

**INVOICE # 95ACU1024-1
DUPLICATE COPY**

**Accounts Payable
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134**

**RE: Project Metro Self Monitor, PO #M51080: Results of testing requested by
Gerry Thompson, Project Leader for material submitted on October 20, 1995.**

**1 process water sample analyzed for
Chromium, Copper, Nickel and Zinc
@ \$65 per sample**

\$ 65.00

Amount Due

\$ 65.00